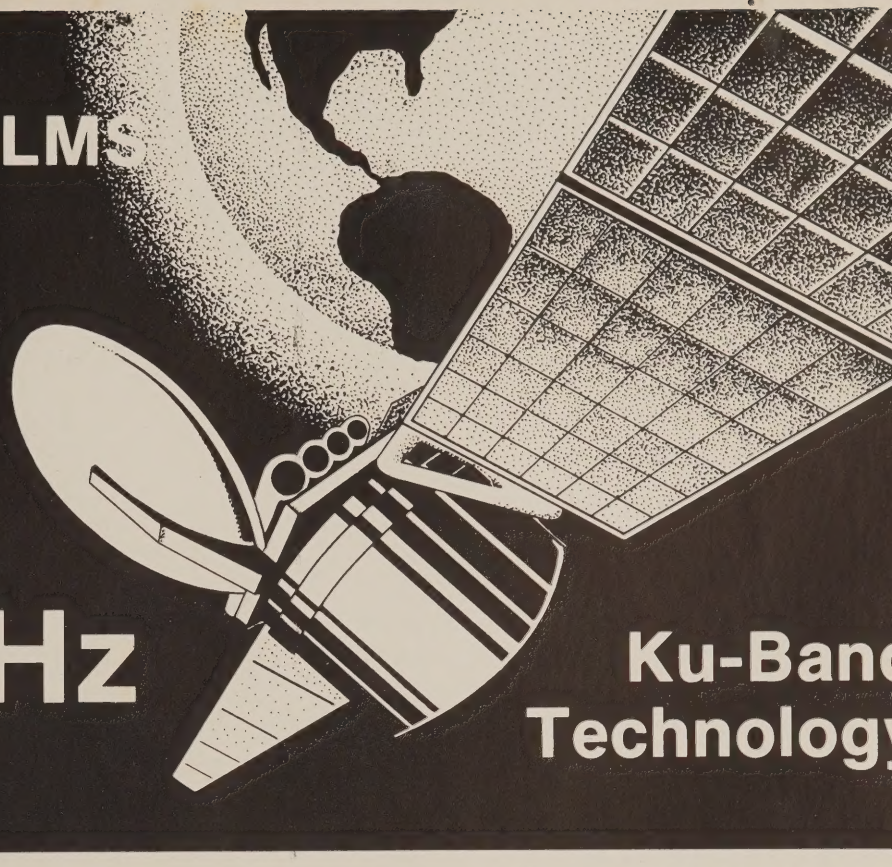
SHELBURNE FILMS PRESENTS

THE WORLD AT 12 GHz



Ku-Band Technology

Explore the New Satellite Frontier

A new frontier is opening up in satellite communications. Ku-band satellites are finally bringing the true promise of satellite communications to reality: ultra small receiving (and transmitting) dishes for use anywhere without interference. A new age is being ushered in. Now you can learn all about it in this one hour videotape produced by Shelburne Films. Written and presented by well known technical writer, Mark Long, "The World at 12GHz" explores the technology and the applications of Ku-band satellites.

Written &
Presented by Mark Long
Produced by Shelburne Films

With both business and home entertainment applications, small Ku-band dishes will someday be seen on top of virtually every commercial building and every home or apartment building in the country. Find out NOW how this exciting new technology can benefit you and your company.

Information about leading-edge technology is seldom found in one place. But to explain the frontiers of satellite communications, Shelburne Films has traveled to the companies involved in building and using these new communications systems and gathered the latest information on the subject. Now get the *complete* picture of Ku-band satellites and all their potential from an independent and impartial source.

GET THE WHOLE PICTURE OF Ku-BAND SATELLITES

✓ BASIC PRINCIPLES

- Wavelengths
- Frequencies
- Frequency assignments
- Satellite Footprints
- Rain Attenuation at Ku-band
- Hetrodyning

✓ APPLICATIONS

- Satellite News Gathering
- Videoconferencing
- Satellite Classrooms
- Lodging Entertainment Services
- VSATS - Very Small Aperture Terminals
  - For Business Communications (Transmit and Receive)
  - Video
  - Voice
  - Data
- Private Satellite Networks
- Direct to Home Satellite Television

✓ TECHNOLOGY

- Low Noise Block Downconverters
- C/Ku Dual Band Feeds
- Dual Band Polarization
- Ku Dish Tune-up and Tracking
- Spoon Shaped Antennas
- Offset Feeds
- Reflector Materials / Performance At Ku-band
- Dual Band Receivers
- Receiver Filters
- Video Channel Inversion

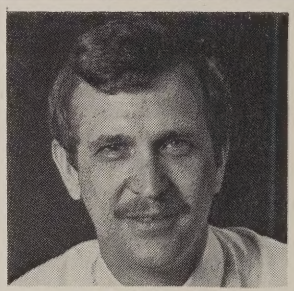
QUALITY AND ACCURACY

Shelburne Films applies the same high quality production techniques used in our previous C-band satellite tapes to tell the high-tech story of Ku-band in an interesting and understandable manner. Mark Long organizes the information into clear and concise segments, packed with information. This is NOT a taped seminar or boring real-time demonstration. It is a tightly woven, fast paced, highly visual and graphic presentation designed to keep the attention of every viewer.

SEE AND HEAR THE PEOPLE AND COMPANIES BEHIND Ku-BAND SATELLITE TECHNOLOGY AND USES.

- C.J. Waylan — President
  GTE / SPACENET
- Sid Topol — CEO
  SCIENTIFIC ATLANTA
- Fred Del Toro — Senior Vice President
  HI-NET COMMUNICATIONS
- Lloyd Burns — VP & General Manager
  HARRIS CORP. — Business Comm. Div.
- Larry Speakes — White House Press Secretary
  HUBBARD BROADCASTING (HUBCOM)
  J.C. PENNEY COMMUNICATIONS, INC.
  RCA AMERICOM
  HUGHES AIRCRAFT CORP.
  ALCOA / NEC (STOLLE CORP.)
  FEDERAL EXPRESS
  SOUTHLAND CORP. (7-11 CHAIN)
  MIDWEST CORPORATION
  DX, LUXOR, CHAPARRAL, PRODELIN,
  ODOM, KAULTRONICS and many more

WRITTEN AND PRESENTED by Mark Long Technical Writer, Lecturer & Consultant



AUTHOR of ***The Ku-Band Handbook, World Satellite Almanac, The World of Satellite Television, Down To Earth Guide to Satellite Television.***

LECTURER at SPACE Dealer Certification Course and SCOLA Conference at Creighton University.

CONSULTANT to U.S. Government Agencies and Private Industry.

PRODUCED by Shelburne Films

A professional film and video production company well known for high quality videotapes on C-band satellite subjects:

- ***Satellite TV Basics II*** explains basic satellite concepts to the public.
- ***Satellite Magic*** displays C-band satellite programming
- ***Installing Satellite Antennas*** demonstrates C-band installation

THE WORLD AT 12 GHz

VHS or Beta II (60 minutes)	$149.00
¾" U-Matic (60 minutes)	189.00
Shipping & handling	2.50

Visa • MasterCard • American Express

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P.O. Box 159
Winter Beach, Fl USA 32971
(305) 571-1021

(Tape orders must specify VHS, Beta or U-Matic)